after forms are removed, typ.



35 SHEETS

Contract # 60

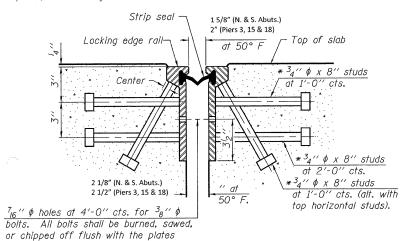
Notes:

The strip seal shall be made continuous and shall have a minimum thickness of  ${}^{l}_{4}$ ". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

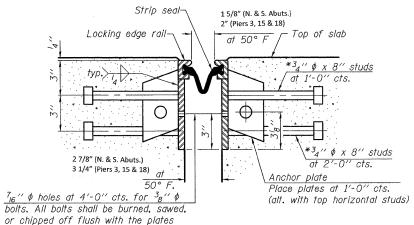
The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed. The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.



<u>SECTION THRU</u> ROLLED RAIL JOINT



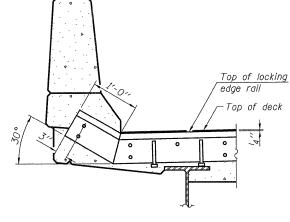
after forms are removed, typ.

SECTION THRU

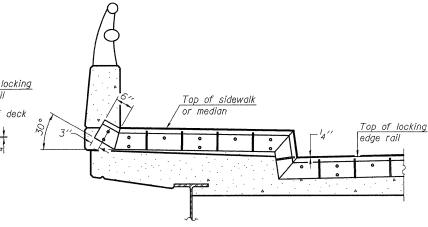
WELDED RAIL JOINT

ANCHOR P

(for welded rail)



AT PARAPET



AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

<u>ROLLED</u> EXTRUDED RAIL

WELDED RAIL

LOCKING EDGE RAIL SPLICE

\*\*\*Back gouge not required if

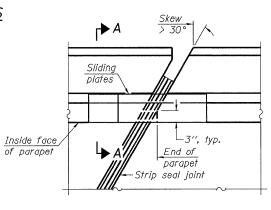
complete joint penetration

is verified by mock-up.

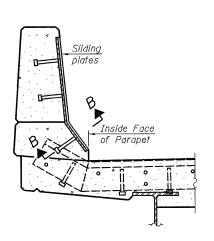
Flush

The inside of the locking edge rail groove shall be free of weld residue.

## LOCKING EDGE RAILS



PLAN

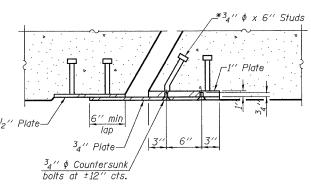


SECTION A-A

POINT BLOCK DETAILS

(for skews > 30°)

## TYPICAL END TREATMENTS



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	389

ringroup

Excellence through Ownership

200 West Front Street Wheaton, IL 60187 ILLINOIS DEPARTMENT OF TRANSPORTATION
PREFORMED JOINT STRIP SEAL
AT ABUTMENTS AND PIERS 3, 15 & 18
BURNHAM AVE OVER STATE ST, R.R. & RIVER
FAU RTE 2943 SECTION 1212.8-I-1
COOK COUNTY
STATION 231-79 04

STATION 231+79.04 STRUCTURE NO. 016-0806

DATE: 1-14-2009

DRAWN BY WJV CHECKED BY BLB